

Patent Abstracts of Japan

PUBLICATION NUMBER : 2001026019
PUBLICATION DATE : 30-01-01

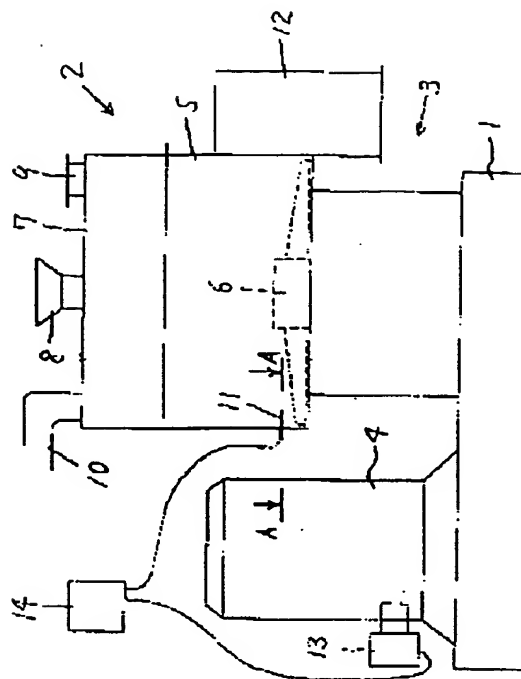
APPLICATION DATE : 14-07-99
APPLICATION NUMBER : 11200197

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INT.CL. : B29B 17/02

TITLE : METHOD FOR CONTROLLING TEMPERATURE IN COATING REMOVING DEVICE FOR WASTE PRASTIC AND COATING REMOVING DEVICE FOR WASTE PLASTIC



ABSTRACT : PROBLEM TO BE SOLVED: To maintain waste plastic small lumps of which temperature rises by frictional heat approximately at specific temperature without adding water by increasing or decreasing the number of rotations of a mixing blade based on the temperature of the waste plastic small lumps.

SOLUTION: By heating waste bumper by a frictional heat of mutual waste- bumper small lumps, and the temperature is raised, and coating of the waste- bumper small lumps is easily peeled off. Besides, the temperature of the waste bumper is detected by a temperature sensor 11, and inputted into a control board 14. Then, when the temperature of the waste bumper becomes higher or lower than a specific value, a command is outputted from the control board 14 to an inverter 13, a number of revolutions of a motor 4 is decreased or incoreased, and a number of revolutions of a mixing blade 6 is decreased or increased. Consequently, the temperature of the waste bumper can be controlled at a specific temperature slightly lower than a melting point of the waste- bumper small lumps.

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